

## Patent Abstracts of Japan

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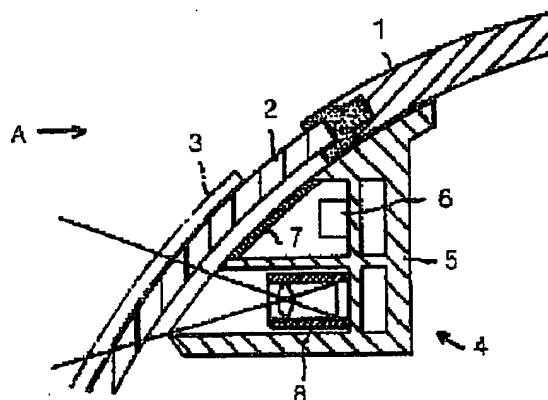
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TITLE : BACKWARD INFORMATION  
DETECTING DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To prevent a sensor from deteriorating in detection precision, owing to a worsened detection visual field resulting from the sticking of rain, mud, etc., by putting a sensor for backward information detection in the case of a high-mount stop lamp installed in a cabin.

**SOLUTION:** The sensor 8 which is a stereoscopic camera for detecting rearward information on this vehicle is stored in the case 5 of the high-mount stop lamp 4 installed in the cabin. Consequently, the sensor 8 is placed at a place where the influence of an air current accompanying a travel of the vehicle is little and a relatively excellent rearward visual field is obtained, so that the detection visual field of the sensor 8 deteriorates less than in the conventional technology. Further, the sensor is stored in the movable area of a rear wiper 3 and then any special mechanism is needed for the sensor 8 by moving the rear wiper. Further, the sensor 8 is arranged below a rear roof 1 and at an inner position in the case 5, and then the direct sunshine hardly impinges. so that the adverse effects of the sunshine on the sensor 8 can be prevented.

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